

Cracklin' Static

March 2018 Edition



Breakfast Meeting – Sat, Mar 3rd

Boomtown Casino Hotel
Events Center
I-80 at Exit 4 in Verdi

Breakfast Buffet – 7:30am - \$12
General Meeting – 8:00am

Featured Presentation

none

SNARS NOON NET – Weekdays

12:00PM - SNARS Linked Systems
<http://snars.org/nets>

SNARS NET on DMR – Tuesday 8pm

DMR Talk Group: 31328 SNARS

SNARS Treasury – As of 26 Feb 2018

Checking:	\$7551.00
Savings:	\$5388.00
PayPal:	\$3709.00
Self Insurance:	\$780.00
Convention Fund:	\$7669.00
Total	\$25097.00

SNARS Membership – ending Feb 26

Technician:	119
General:	100
Advanced:	19
Extra:	117

SNARS Members	360
ARRL Members	237

President's Voice



President Anthony Marcin, W7XM

Email: w7xm@snars.org | Telegram: @w7xm_nv

Starting this month our committee members on the various activities will be busy!. NVCON will begin our advertising of the event, getting the speakers on board and some other logistical activities. Please visit <http://nvcon.org> to keep up with the updates for this

year's event.

The NVQSO is in full gear as well getting their parts in place along with starting to advertising. Again what the website for updates at <http://nvqso.com>

We will be attending a few events this year the first will be the Loomis Ham Swap on March 17th where we will have a table to advertise the State Convention and also the NV QSO Party and of course will have SNARS information as well. Look for us there if you plan on attending. In the last month's newsletter, there was a flyer they provided to us advertising that event.

The other event we will be attending is Sea-Pac and as of the writing of the newsletter finalizing obtaining a booth so we can advertise at one of the largest events on the west coast before NVCON in July. Again if you are attending Sea-Pac look for us as we will be in the exhibitor area.

Finally, a big welcome to all of our new members this month as we had 14 new members signed up. Look for the list of those who joined in the newsletter and make sure to welcome them to the club!

That is all I have for now. As always if you have questions or comments please sent them to myself or any of the board members. My email is w7xm@snars.org. You can also reach me on telegram (look for the link at the bottom of the home page) and of course on the SNARS DMR Talk group or the SNARS Analog linked system.

73, Tony W7XM



PO BOX 7727 Reno NV 89510
 Yearly Dues: \$40.00 Individual • \$50.00 Family
 775.453.4142 <http://snars.org>

2018 Officers

President.....Anthony Marcin, W7XM
 Vice-President.....Jim Shepherd, W6US
 Treasurer.....Bill Jones, AE7OX
 Secretary.....Rob Dunbar, NB6C
 DirectorWes Vick, KG7QXE
 DirectorJohn Byerly, N7ROJ
 DirectorBarry Bettman, K6ST

2018 Staff

Cracklin StaticHowie Holden, WB2AWQ
 W7TA TrusteePeter DeBay, KE7VSR
 KR7ENO Trustee.....Howie Holden, WB2AWQ
 Control OperatorPat Sheehan, W7DED
 HistorianJon Fox, KF7KTC
 Tech Team LeadJohn Byerly, N7ROJ
 MembershipAnthony Marcin, W7XM
 PIOVacant
 VE Coordinator.....Bill Nichols, NN7K
 Meeting GreeterBill Jones, AE7OX
 Noon Net ManagerWes Vick, KG7QXE
 DMR Net ManagerAnthony Marcin, W7XM
 Reno Ham Swap.....Rob Dunbar, NB6C
 WebmasterAnthony Marcin, W7XM

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size or line spacing may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Online
442.850 + CC 1	Carson City DEM	Online

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
--------------------	----------------------	--------

IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
--------------------	--------------	--------

Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

Thank you to our Sponsors/Supporters



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

Bishops Storehouse Net	Monday @ 9:15pm
N. Western NV ARES Net	Monday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newslane	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Week Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

SNARS Weekly DMR Net – Tuesdays
8:00PM

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

QCWA Nevada Chapter Sat, March 10, 11am – 12pm
 Famous Dave's Bar-B-Que, 4925 Kietzke Ln, Reno

SNARS Board Meeting Wednesday, March 14, 6 PM
 Sully's Sports Bar in Tamarack Junction, 13101 S. Virginia, Reno

Carson City SNARS Meetup Wed, March 21, 6pm – 7pm
 Carson City Black Bear Diner, 900 S Carson St, Carson City

Next SNARS Breakfast Meeting – Sat, April 7, 8 AM
 Boomtown Casino Hotel Events Center

WELCOME NEW MEMBERS

Joel	Beck	W1WR
Brandi	Bridges	W6FPT
Roger	Davidson	KC2WCU
Daniel	Dhondt	KC7HBD
Aimee	Dhondt	KI7EWU
Conrad	Dhondt	KI7RQP
Sable	Dhondt	KI7TJP
David	OHara	KD6DWO
Jim	Rawlings	AF6VF
Cindy	Sassenrath	KA6UBB
Carl	Sassenrath	KB6ZST
Jan	Sluchak	N6YV
Dennis	Christensen	AG7MB
Mike	Glock	KI7BPT

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

WORKING SPLIT

Way back in the early days of ham radio, the entry path for new hams was called the Novice license. It had limited privileges on HF that solely used CW..... The bulk of the rigs used by these new hams were homebrew with a tube or two, and, by regulation, a crystal to control the frequency that could be transmitted. Unless you were very wealthy, you only owned a couple of crystals in the Novice band segments. Not all hams had the same crystals, and tolerances varied on the production, so they were scattered up and down the band. They could use a receiver with a VFO, and quickly learned to transmit on their crystal frequency and listen up and down the band to find someone answering their CW call... They all started their journey with Ham Radio by working SPLIT...

Fast forward a few decades, and the Technician license becomes the preferred entry point and the Novice disappears except for a few grandfathered licensees. Instead of a homebrew tube transmitter, the handheld radio is the starter, and, low and behold, here are all these new hams working SPLIT!!! This time it is FM voice into a repeater, but they are still transmitting on one frequency and listening on another. It may be automatic and called 'repeater offset' but it is still split.

With all this history, you would think that everyone should be an expert on working split. With the advent of the new FT8 mode, and some big DX pileups, it shows there is a need for more information on using split frequencies.

DXpeditions to rare locations have to contend with hundreds of hams calling at the same time, so they try to move the thundering herd up or down the band to spread them out. You will hear them say "up 5 to 10" and this means that they are listening for stations 5 to 10 KHz above their CQing frequency. Besides spreading the stations out, this minimizes stations trying to contact them on their CQ frequency where they are not listening. Those calling on that CQ frequency are actually causing interference for the stations who are using the split transmission frequencies and trying to listen for their station to be called. The DX station will tune their receiver up and down in that calling band and pick out stations that they can copy.

Also, amateur allocations can vary by country, and, especially on 40 Meters, some DX hams can't transmit in the US Phone part of the band, so they may be on 7.095 and saying they are listening at 7.155. This allows the hams in the US to transmit on 7.155 and work that station that is down in the CW/Data

segment of our band.

Depending upon your radio there are a couple of ways to work split. Radios with a dual VFO can be set so VFO A is listening on the DX station's transmitting frequency and VFO B will control your transmitter which is set somewhere up 5 to 10 KHz. On some radios with a single VFO there is a split button that allows you to set the TX frequency for the split but uses the dial frequency for the receive. You will have to check your radio's instruction manual for the exact method to set it up for split.

On a few radios you can do split using the RIT and XIT controls. RIT stands for Receiver Incremental Tuning and it allows you to change your receiver frequency without moving your transmit frequency. XIT lets you change the TX without affecting your receiving frequency. Normally you would use these to get a better sounding receiver signal when the calling station is slightly off your frequency, but on some radios it can move you up to 15 or so KHz.

Ideally in that split window, you will find a clear spot at the same time that the DX station is tuned there. Figuring out where the DX station will be listening next is an art that can be helped with a panadapter or programs like CW Skimmer. Listening up in the split area can also help to predict how the DX station is scanning the band for workable signals.

The biggest thing to remember is to NOT transmit on the DX station's calling frequency. You will hear some trying, and other "Frequency Police" rudely telling them to work split....

With FT8, when you call CQ you will see stations calling back on your frequency, and when several try to do this, you most likely will not be able to decode any of them. Stations that are using the 'Hold TX Freq' button are also decoded and can be worked split without that problem. Look for a clear spot on the waterfall and using the 'shift-click' on that spot to move your transmit frequency and then set the 'hold' button. Since the program can decode all the stations in the passband, the other stations have a better chance of copying you, and if they stay in their clear TX spot you can more easily work them.

Knowing how to work split can put a lot of QSOs in your log-book!

Sierra Foothills Amateur Radio Club's

Hamfest 2018

Saturday, March 17th

First swap of the year - Rain or Shine
Historic Loomis Train Depot Plaza
5775 Horseshoe Bar Road, Downtown Loomis

This is our 4th year for a Hamfest,
Meet & Greet everyone, visit the
ARRL Booth, Buy Drawing tickets
there are hourly drawings and the
Big Prize toward the end of the day.



Hot coffee and Donuts - lunch deal
at Taylor's, SFARC Club table with
radio demonstrations, Elmer Tours
Talk-in: 145.430 pl 162.2 Parking is
free for Buyers starts at 7am - Noon

SFARC is an ARRL Affiliated and Special Service Club. ARRL is the National Organization
representing Amateur Radio Operators Stop by the ARRL Booth and visit the W6EK Club table



Talk-in • W6EK/r 145.430 PL162.2Hz • Talk-in

SNARS LOGO ITEMS

This year we are celebrating our 50th year by providing many ways to commemorate this occasion by imprinted our 50th



Stickers \$1.00 Each



16oz Coffee Mugs \$8.00



Hats \$10.00



Club Badge \$15.00

Order at

<http://snars.org/store/badge-order>

Items are available at the monthly meetings, events or online (coming soon) <http://snars.org/store>

SNARS HAM SHACK OF THE MONTH

Peter DeBay, KE7VSR



MY SHACK (most of the time)

The most important part of any station, The Antenna.

A High Q (brand) antenna with top hat, 80 THRU 10 mounted on the mirror and a Larson 2M/70CM mounted in the center above the windshield.

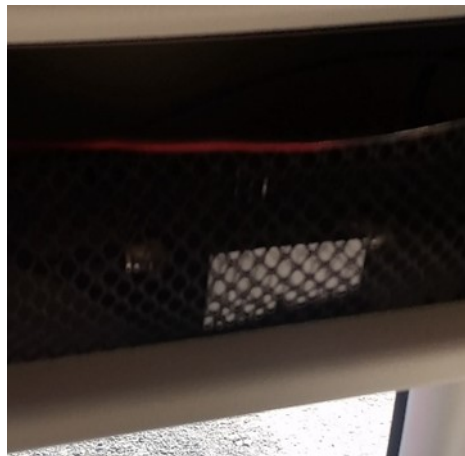


The radio:

Yaesu 857ND &
Yaesu SP55
speaker



Mating the computer, radio, and antenna:
Signal Link digital interface (green light), next to it is Larry's Antennas CTR6-160



Keeping the radio happy with the antenna:



The brains: Toshiba laptop

Questions, and Peter's answers:

1. How did you make the power connection?

I used the CB power port/connection, part of truck.

2. Do you have a wireless mike? (unless there's a voice control interface for the computer, I'd guess digi operation is only when stopped).

Just the radio mic although voice is possible through computer.

3. Do you keep a log and If so, how?

No log while moving, but log when stationary

4. Best distances covered, general overview of propagation encountered on the road, bands used, nets and groups you check into?

Best, I-5 Oregon between Eugene & Salem contact with CR2X. (a not too shabby 4800 miles...ed) Generally 40M with the 7155 group in the mornings. Propagation is always more challenging for moving mobile comms.

5. What kind of problems did you encounter in the install?

Grounding, on this truck I used the metal frame of the fuse box in the cab.

6. Any interference, either from the tractor/trailer, or to it? Severity? Solutions if any?

Everything causes some interference, power lines, billboards, reefer units, old engines, etc; sometimes severe but mostly workable. Solution? Turn the radio off.

7. Did you have an Elmer for this, or did you learn by experience?

Several Elmer's, Jim Newell (K7JN), Jim (KI6WJ), Gill (N6GG), and a host of others on the am net.

Editor's note: Here is a link to High-Q's (Peter's antenna) website, a treasure trove for those of us who want to get into mobile operation. <http://hiqantennas.com/>

* * * * *

MIKE'S MISSIVES CHAPTER THIRTY THREE

Mike Katz, N7MSK

PART 97.11 --- Stations aboard ships or aircraft

- (a) The installation and operation of an amateur station on a ship or aircraft must be approved by the master of the ship or pilot in command of the aircraft.
- (b) The station must be separate from and independent of all radio apparatus installed on the ship or aircraft, except a common antenna may be shared with a voluntary ship radio installation. The radio station's transmission must not cause interference to any other apparatus installed on the ship or aircraft.
- (c) The station must not constitute a hazard to the safety of life or property. For a station aboard an aircraft, the apparatus shall not be operated while the aircraft is operating under Instrument Flight Rules, as defined by the FAA, unless the situation has been found to comply with all applicable FAA rules.

NAME THAT RIG



(answer on page 10)

FUN STUFF FOR MARCH

Looking for some excitement on the bands during March? There's something for everyone on the air!

The contests in **bold** may qualify for the ARRL club contest competition.

3 Mar 0000 to 4 Mar 2359 1.8-28 ARRL International DX Contest, SSB www.arrl.org/arrl-dx

3 Mar 0000 to 10 Mar 2359 3.5, 7, 21, 28, 144 Novice Rig Roundup CW novicerigroundup.com

10 Mar 1800 to 11 Mar 1800 1.8-50 QCWA QSO Party CW Ph Dig www.qcwa.org

11 Mar 0000 to 11 Mar 0400 3.5-14 North American Sprint, RTTY Dig ncjweb.com

24 Mar 0000 to 25 Mar 2359 1.8-28 CQ WW WPX Contest, SSB www.cqwp.com

A complete list of contests is available at:

<http://www.arrl.org/files/file/Contest%20Corral/2018/March%202018%20Corral.pdf>

If you're not into contests, there's always DX to chase, and March has some good ones! Some of the better DX operations coming up in March:

Mar 01 to Mar 05 Sri Lanka **4S7NKG**

Mar 01 to Mar 15 Revilla Gigedo **4B4B**

Mar 02 to Mar 11 Zimbabwe **Z2LA**

Mar 02 to Mar 15 Easter I **XR0YD**

Mar 06 to Mar 13 Spratly Is **9M0W**

Mar 07 to Mar 18 Benin **TY7C**

Mar 09 to Mar 19 Congo **TN5R**

Mar 10 to Mar 11 Mauritius **3B8XF**

Mar 13 to Mar 17 Solomon Is **H44YM**

Mar 15 to Mar 31 Cameroon **TJ**

Mar 21 to Apr 03 Malawi **7Q7EI**

Mar 23 to Apr 02 Burina Faso **XT2MAX**

Mar 27 to Apr 11 Mauritius **3B8MM**

Visit <http://www.ng3k.com/Misc/adxo.html> for current info and full lists!

CONTEST REMINDERS

If you plan on working the ARRL DX contest March 2-4, in order to be able to add your score to others in the club, you must be pre-registered. If you haven't done it before, send your callsign and 6 digit grid zone address to Jim Shepherd at nvjims@gmail.com before 1800 hrs local on March 1. You can get your 6 digit grid zone by spotting your home on Google Earth and transferring the Lat/Lon to <http://www.amsat.org/amsat-new/tools/grids.php> I will be out at my location in Winnemucca after that time and do not have internet out there. The following club members are already pre-registered: W6US, KM6CQ, N7ROJ, KS6A, KG7QIA, KD7MIO, K7KP, WA7IRW, NN7K, K5RC, WD6CHC, K6ST, NB6C, W7XM, WB2AWQ and KB2SFS

Also coming up on March 23-25 is the CQ WPX Contest. No pre-registration needed for this contest. This is a fun, work everyone everywhere contest where the object is to get as many different call sign prefixes as possible. More information at http://www.cq-amateur-radio.com/cq_contests/cq_ww_wpx_contest/index_cq_ww_wpx_contest.html

HF OPERATORS NEEDED!!!

This year, the SNARS Club will be participating in 4 major HF activities. These are the 7th area QSO party, Field Day, NVCON, and the Nevada QSO party.

The 7QP is the first event, and it is held May 5-6 this year. This contest needs every county in Nevada to be activated on CW, Phone, and Digital so there really needs to be lots of hams out into the rural counties to really make this fun for all. The Digital will primarily be on RTTY and PSK, but since each station can be worked once per band per mode, not having digital can give up a third of the possible contacts. Tom, K5RC, is the Coordinator for Nevada and you can get more information at <http://ws7n.net/7qp/new/Page.asp?Content=start> This will be a great warm-up for the Nevada QSO Party in October!

Next up is Field Day. **(Editor's note: See Rob's article next!)**

SNARS will be running the Nevada State Amateur Radio Convention (NVCON) July 20-22 at Boomtown. We will have a couple of stations set up to demo and get others to try ham radio. We will also be handling the 'Talk In' on the main repeater system. We will need operators to cover the operation during the entire convention. There will be one of the club's FT-450 radios equipped with a mic and key, and an Elecraft K3s with panadapter for voice and digital. If you are interested in helping for a few hours, contact Jim, W6US at nvjims@mail.com.

The final big event of the year will be the Nevada QSO Party on October 12-14. Like the 7QP, we will need operators out in the field in every county in Nevada. This also will have mode breakouts for Phone, CW, and Digital for each band as well as allowing for VHF contacts. We will shortly have a county and mode signup sheet and more information on the website at <http://nvqso.com/>.

FIELD DAY LOCATION IS SET

Mark your calendar for June 22-24 for Field Day 2018! This year we will be at Washoe Lake State Park again. However this time we will be in the Main Group Area, which is South of the main entrance. We hope to have at least 7 stations working and perhaps more. Depending on conditions we plan to run at least 3 bands in 3 modes at the same time. The three modes we plan to operate are CW, Voice and Digital. This year FT8 should be the digital mode du jour.

This Field Day as in the past will be run as Category Class A. Class A means we will run the radios from non commercial power mains, All equipment will be placed within a 1000 foot diameter circle. We will start setting up antennas and radios starting Friday June 22. The excitement begins at 1800 UTC (1100 PDT) June 23 and winds down at 1800 UTC (1100 PDT) June 24. As in the past the club will provide logging computers and software.

Even if you don't own radio gear come out and give the operators a break or learn how to work contests. The club will have available Yaesu FT-450s to operate along with other radios provided by members.

As last year we will have a Saturday group dinner and prizes. There will be a small fee to cover the cost of food which will be determined later. Dinner will be at 7pm on Saturday night for all, and plenty of water/soda and snack items during the event. Those who come out to help with the setup on Friday will have a special reward.

After the radios go silent on Sunday, there will be a lot of work to be done to get everything packed up so we can clear the site by 4pm. Everybody is welcome to come and participate—we will be calling for volunteers for various functions in the coming months before Field Day. For more information or to offer to volunteer to help, contact Rob Dunbar nb6c@snars.org.

FROM OUR SECTION MANAGER JOHN BIGLEY, N7UR

For anyone wanting to attend the National Association of Broadcasters NAB show 2018 here is the ARRL Guest Code for FREE access: LV4498

Go to this link and enter the code in the box that says "Enter Discount Code". This free code is only good for a few more days after which the cost is \$50.00

<https://registration.experientevent.com/ShowNAB181/?Flowcode=ATT#/registrant//CustomLogin/>

NAME THAT RIG (from pg 9)

Eldico of New York made Amateur gear from at least the late 40s into the early 60s. One of their earlier transmitters was a 5 watt SSB crystal controlled unit in 1948. While they made radios for us, their real target seemed to be the US military, particularly in the 50s and 60s. Pictured is the very rare **Eldico SSB-100**, yeah you guessed it, it's a 100 watt output SSB transmitter. Built in 1955, the SSB-100 was a phasing-type unit covering 160 through 10 meters. Look-wise it appears to be a Collins wannabee, loosely emulating the Collins 32V series of transmitters. They were fairly well made, but certainly no Collins. Eldico aimed at the military, but all they got was an occasional stand-in for Collins, in a field dominated by Collins and Technical Material Corp. after the Korean war. The **SSB-100** was followed by an A model, and then an F model which used filter-type SSB generation, and a "mil" model for the US Army. There was a matching linear, the SSB-1000 which used a pair of Eimac 4CX250s. There were also a couple of receivers, and later a receiver-transmitter pair, the R104 and T102, and some accessories, but by the mid 60s Eldico was gone. Their stuff looked OK and performed OK but their mistake was aiming at Collins.

ARES NEWS

ANNUAL COMMUNICATIONS CALENDAR 2018
CARSON VALLEY, TAHOE, RENO, PLUMAS COUNTY

EVENT 2018	DATE	DATE END	SPONSOR/ ORGANIZER	COORDINA- TOR	CONTACT
Silver State 50/50 race	5/19/18		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Indian Valley Century Bicycle Ride	5/26/18		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Lost and Found Gravel Grinder SBTS	6/2/18		Plumas ARC	Brian KJ6EAC	brianv@psln.com
America's Most Beautiful Bike Ride	6/3/18		Tahoe Amateur Radio Assn	Paul McCaffee KI6OCB	paul.mcafee6243@gmail.com
Pony Express Re-Ride	6/20/2018	6/30/18	SIERA	Jeff Cauhape K7BCV	j_cauhape@yahoo.com
FIELD DAY	6/23/18	6/24/18	SNARS	Jim Shepherd, W6US	nvjims@gmail.com
FIELD DAY	6/23/18	6/24/18	SIERA,	Bob Williams KA6VOC	ka6voc@gmail.com
Death Ride	7/14/18		Tahoe Amateur Radio Assn	Paul McCaffee KI6OCB	paul.mcafee6243@gmail.com
Tahoe Rim Trail	7/20/18	7/22/18	Tahoe Mountain Milers	Bob Miller WA6MTY	wa6mty@gbis.com
NVCON 2018	7/20/18	7/22/18	SNARS	Tony W7XM	w7xm@snars.org
Round Valley Walk/Run	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Running With the Bears	8/18/18		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Vegas to Reno Off Road Race	8/17/18	8/18/18	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
Tour De Tahoe	9/9/18		Tahoe Amateur Radio Assn	Paul McCaffee KI6OCB	paul.mcafee6243@gmail.com
Reno Air-Races	9/12/18	9/16/18	WC-ARES	Rick Russell KF7KEM	wa6mty@gbis.com
Edible Pedal 100	9/16/18		Sunrise Rotary Club	Bob Miller WA6MTY	wa6mty@gbis.com
Grinduro SBTS	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Nevada Day Parade	10/27/18		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com , cell 775 790-1739
Indian Valley Leaf Peepers	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

From the ARRL ARES E-Letter

NIMS Updated - IS Core Courses to be Revised

NIMS, the National Incident Management System, went through an extensive update this past fall. As a result, the core courses in FEMA's Independent Study (IS) program -- IS-100, 200, 700 and 800 -- along with many other NIMS courses, will be updated this year. As usual, those who take the current versions will be grandfathered; however, if it's been ten years or so since an ARES communicator has taken these courses, it would be a good idea to take the 2018 versions as refreshers. -- *Michael Schulsinger, N8QHV, Springfield, Ohio*

[The Incident Command System is the emergency/disaster response template or model of management adopted by emergency management/public safety in the US. It is critically important that radio amateurs involved in supporting served agencies, and especially ARES members, be well versed in the ICS and its protocols. Any operator deploying to a disaster area will be left outside looking in, if they have not taken the ICS courses to become familiar with planning and actions in a disaster theater of operations. While the courses have not yet been updated, the new [NIMS 2017 Instructor and Student Learning Materials](#) have been released and are published on the FEMA Independent Study website. Readers can download the PDF using the link. - Ed.]

Editor's note: Per Bob Miller, the May 19th Ham Cram has been CANCELLED!

Bob Miller WA6MTY Emergency Coordinator
Amateur Radio Emergency Service 775 843-5952 www.wcares.us